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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000025

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03D7/16 H03B21/01 H04B1/30 H04B1/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03D H03B H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | GROSLAMBERT J ET AL: "High spectral purity frequency sources using low noise regenerative frequency dividers"<br>FREQUENCY CONTROL, 1991., PROCEEDINGS OF THE 45TH ANNUAL SYMPOSIUM ON LOS ANGELES, CA, USA 29-31 MAY 1991, NEW YORK, NY, USA, IEEE, US,<br>29 May 1991 (1991-05-29), pages 636-639, XP010040192<br>ISBN: 0-87942-658-6<br>figure 1<br><br>---<br>-/-- | 1-15                  |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

7 May 2004

Date of mailing of the international search report

26/05/2004

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International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | <p>GRANT, D.: "Solving the Direct Conversion Problem"<br/>PLANET ANALOG, 'Online!<br/>12 September 2000 (2000-09-12),<br/>XP002279324<br/>Retrieved from the Internet:<br/>&lt;URL:http://www.planetanalog.com/printable<br/>Article.jhtml?articleID=12801318&gt;<br/>'retrieved on 2004-05-07!<br/>figure 9</p> <p>-----</p> | 1-15                  |